Declassified/Released US Department of State EO Systematic Review 30 JUN 2005

Message Text

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PAGE 01 STATE 251512

42
ORIGIN PM-07

INFO OCT-01 EUR-25 ISO-00 L-03 OC-06 CCO-00 EB-11 CIAE-00

INR-10 NSAE-00 RSC-01 SS-20 SSO-00 INRE-00 /084 R

DRAFTED BY PM/ISO:FJFLEMINGS;CSAF/XOXX:MAJ. GRAY:GJG
APPROVED BY PM/ISO:HGHAGERTY
EUR/NE - MR. OWENS
EUR/NE - MR. BUELL
EUR/CAN - MR. BROWN
OSD/ISA/EUR - MR. JAMES
OSD/ISA/FMRA - LTC. TERRY
---------- 112571
O P 281833Z DEC 73
FM SECSTATE WASHDC
TO AMEMBASSY LONDON IMMEDIATE
AMEMBASSY OTTAWA IMMEDIATE
AMEMBASSY OSLO IMMEDIATE
INFO AMEMBASSY BONN PRIORITY
AMEMBASSY COPENHAGEN PRIORITY
AMEMBASSY MADRID PRIORITY
AMEMBASSY REYKJAVIK PRIORITY
CSAF/XOXXGIF WASHDC PRIORITY
OASD/ISA/FMRA PRIORITY
AFSC/DOSF ANDREWS AFB PRIORITY
RADC GRIFFISS AFB NY PRIORITY

C O N F I D E N T I A L STATE 251512

E.O. 11652: ADS, DECLAS WHEN OPERATING RIGHTS REQUESTED
HEREIN HAVE BEEN GRANTED.
TAGS: MILI/OCLR/CA/NO/UK
SUBJECT: REQUEST FOR OPERATING RIGHTS, PROJECT R184001,
TRI-SERVICE PROPAGATION PROGRAM

1. IN AN EFFORT TO IMPROVE VERY LOW/LOW FREQUENCY (VLF/LF) COMMUNICATIONS, THE AIR FORCE HAS BEEN TASKED BY THE DEFENSE COMMUNICATIONS AGENCY (DCA) TO CONDUCT AIRBORNE MISSIONS FOR THE PURPOSE OF ASSESSING COMMUNICATIONS PERFORMANCE.
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 STATE 251512

THIS WILL REQUIRE THE MEASUREMENT OF VLF/LF SIGNAL

Declassified/Released US Department of State EO Systematic Review 30 JUN 2005

Declassified/Released US Department of State EO Systematic Review 30 JUN 2005

STRENGTH BY AIRBORNE RECEIVERS FLYING RADIAL PATHS FROM DEDICATED EXPERIMENTAL TRANSMITTING STATIONS AS WELL AS FROM OPERATIONAL TRANSMITTING FACILITIES LOCATED IN NORTH AMERICA, THE ATLANTIC, THE PACIFIC, AND EUROPE. THE DATA OBTAINED WILL BE USED TO VALIDATE THE MATHEMATICAL PROPAGATION PREDICTION MODELS USED BY THE SERVICES AND TO IMPROVE PREDICTION TECHNIQUES.

2. TO ACCOMPLISH THE TASK, AN INTRUMENTED KC-135 AIRCRAFT BELONGING TO AIR FORCE SYSTEMS COMMAND (AFSC) WILL BE CONFIGURED WITH VLF/LF RECEIVER EQUIPMENT. ALL EQUIPMENT ABOARD THE AIRCRAFT WILL BE NAVY/AIR FORCE OWNED AND WILL OPERATE IN THE RECEIVE ONLY MODE. NONE OF THE EQUIPMENT WILL BE REMOVED FROM THE AIRCRAFT. ALL PERSONNEL ON BOARD WILL BE US CITIZENS, WITH A PRIMARY AIRCREW OF THREE OFFICERS AND FIVE ENLISTED MEN. ADDITIONAL TECHNICIAN/OBSERVER CREW MEMBERS WILL CONSIST OF THREE ENLISTED MILITARY, FOUR DOD-SPONSORED CIVILIANS, AND TWO CIVILIAN CONTRACTOR PERSONNEL FROM MEGATEK CORPORATION, HARBOR CITY, CALIFORNIA.

3. CURRENT FLIGHT SERIES IS PROJECTED AS FOLLOWS:

DATE	DEPARTURE STATION	ARRIVAL STATION	REMARKS
1-10-74	GRIFFISS AFB, N.Y.	KEFLAVIK AB, ICELAND	OVERFLY CANADA.
1-11-74	KEFLAVIK AB, ICELAND	GRIFFISS AFB, N.Y.	OVERFLY CANADA
	*		
1-15-74	GRIFFISS AFB, N.Y.	MILDENHALL RAF, UK	OVERFLY UK.
1-16-74	MILDENHALL RAF, UK	MILDENHALL RAF, UK	VIA DIRECT BODO, NORWAY, DIRECT KEFLAVIK, ICELAND, DIRECT MILDENHALL.
1-18-74	SAME AS 1-16-74		
1-19-74	MILDENHALL RAF, UK	GRIFFISS AFB, N.Y.	OVERFLY UK.
1-22-74	GRIFFISS AFB, N.Y.	THULE AB GREENLAND	OVERFLY CANADA.
1-23-74	THULE AB, GREENLAND	MILDENHALL RAF, UK	OVERFLY UK.
1-25-74	MILDENHALL RAF, UK	EIELSON AFB, ALASKA	VIA REFUEL STOP THULE AB GREENLAND, OVERFLY CANADA.
1-28-74	EIELSON AFB, ALASKA	EIELSON AFB, ALASKA	OVERFLY

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PAGE 03 STATE 251512

Declassified/Released US Department of State EO Systematic Review 30 JUN 2005

Declassified/Released US Department of State EO Systematic Review 30 JUN 2005

CANADA TO FT CHURC
HILL AND RETURN.
1-29-74 EIELSON AFB, ALASKA THULE AB, GREENLAND OVERFLY
CANADA.
1-30-74 THULE AB, GREENLAND EIELSON AFB, ALASKA OVERFLY
CANADA.
2-1-74 EIELSON AFB, ALASKA GRIFFISS AFB, N.Y. OVERFLY
CANADA.
NOTE: IN ABOVE SCHEDULE, MISSIONS ON 16 AND 18 JAN. DO NOT INVOLVE LANDINGS AT BODO, NORWAY, OR KEFLAVIK, ICELAND. SIMILARLY, MISSION ON 28 JAN. DOES NOT INVOLVE LANDING AT FT. CHURCHILL, CANADA.

SUBSEQUENT MI*SION SERIES ARE PROJECTED FOUR TIMES EACH YEAR (SPRING/SUMMER/FALL/WINTER) FOR THE PURPOSE OF INSURING SEASONAL VARIATION IN THE COLLECTED DATA. ANTICIPATE THAT FOLLOW-ON SERIES OF FLIGHTS WILL BE SIMILAR TO THAT DESCRIBED ABOVE. SHOULD PROJECT BE FAVORABLY CONSIDERED, AIR FORCE SYSTEMS COMMAND WILL PRO-VIDE OPERATIONAL DET*ILS TO USDAO'S A MINIMUM OF THREE DAYS PRIOR TO THE BEGINNING OF EACH SERIES. STANDARD ICAO FLIGHT PLANS WILL BE FILED AND NORMAL AIR ROUTE TRAFFIC CONTROL (ARTC) PROCEDURES WILL BE COMPLIED WITH. DESIRED WEATHER ALTERNATES FOR THIS MISSION ARE: SONDRESTROM, GREENLAND; GOOSE BAY, LABRADOR; RHEIN-MAIN, GERMANY; AND TORREJON AB, SPAIN.

4. DATA GATHERING DURING FLIGHTS WILL BE LIMITED TO SOVEREIGN AIRSPACE OF CANADA, NORWAY, UK, AND THE US WITH REMAINDER OF LOCATIONS SERVING AS STAGING BASES/WEATHER ALTERNATES. ACCORDINGLY, REQUEST EMBASSIES OTTAWA, LONDON, AND OSLO SEEK HOST GOVERNMENT APPROVAL FOR THE PROJECT OPERATING RIGHTS DESCRIBED HEREIN TO BEGIN IN JANUARY,
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1974, AND EXTEND FOR A PERIOD OF THREE YEARS. WE CONSIDER CONTEMPLATED USE OF KEFLAVIK AB, THULE AB, SONDRESTROM AB, RHEIN-MAIN, AND TORREJON AB TO BE AUTHORIZED BY EXISTING AGREEMENTS, BUT IF EMBASSIES REYKJAVIK, COPENHAGEN, BONN, OR MADRID HAVE DIFFERENT VIEWS, PLEASE ADVISE. KISSINGER

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Declassified/Released US Department of State EO Systematic Review 30 JUN 2005

Declassified/Released US Department of State EO Systematic Review 30 JUN 2005

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TAGS: MILI, OCLR, CA, NO, UK
To: LONDON OSLO
Type: TE
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